

A first reference image as a natural image is displayed on a display, and a first test image including the first reference image and a plurality of first modulated images each obtained by slightly modulating colors of the first reference image is printed. The first modulated image having color tones closest to the first reference image displayed on the display is selected by the operator, and global color correction in a color space is performed on the basis of the first reference image and the selected first modulated image. Further, a second reference image of a single color is also displayed on the display, a second test image including second modulated images is printed, one of the second modulated images is selected, and local color correction in the color space is performed on the basis of the second reference image and the selected second modulated image.